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## Dr. Isabelle Wolf

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### CAREER PROFILE

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• Extensive experience in socio-ecological and environmental management research with a strong tourism focus • Well-developed knowledge of statistics, experimental design, questionnaire-based surveys, literature reviewing • Proficiency in complex stakeholder engagement studies using Public Participatory GIS • Highly developed research project management skills and team leadership • Demonstrated adept ability to communicate research findings via publications, presentations and workshops to a (non-)academic audience • Professional networking capabilities • Proven skills in environmental consulting.

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### PROFESSIONAL RESEARCH EXPERIENCE

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2014–present **Adjunct Associate Lecturer:** Centre for Ecosystem Research, UNSW, Australia  
2010–present **Research and Analysis Officer (tourism focus):** Office of Environment and Heritage, Australia  
2009–2010 **Research Assistant in Risk Management (survey work):** UNSW  
2004 **Research Assistant in Conservation Studies (tourism focus):** Piedras Biological Station, Peru  
2000 **Research Assistant in Conservation Studies (tourism focus):** Iguana Research Station Utila; Senckenberg Museum of Natural History, Germany  
1997 **Research Assistant in Restoration Ecology:** Archbold Biological Station, USA

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### EDUCATION, RESEARCH AND TUTORING

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2006–2009 **PhD by Research in Biology (tourism focus):** UNSW  
2000–2003 **MSc by Research in Biology (Ecology, Systematic Botany, Wildlife and Visitor Management):** LMU, Germany  
1997–2000 **BSc in Biology:** LMU, Germany  
2010 **Tutoring** in Biology course work: UNSW  
2006–2008 **Leader of research intern teams** for two years of field work: UNSW  
1999–2003 **Tutoring** in Biology course work: LMU

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### CONSULTING EXPERIENCE

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2004–2005 **Environmental Consultant:** PD Dr Gransloßer lab, FA-University, Germany  
2003 **Bio-Software Consultant:** DEFINIENS, Germany  
1996–1997 **Visitor Interpretation and Management (tourism focus):** US National Park Service, USA

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## DOCTOR OF PHILOSOPHY IN BIOLOGY BY RESEARCH

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**PHD RESEARCHER****2006–2010**

***University of New South Wales, School of Biological Earth and Environmental Sciences, Dr Croft lab, Australia***

Completed PhD research entitled "*Towards sustainable tourism in Outback Australia: The behaviour and impact of nature-based tourists on vegetation and selected wildlife species.*" The aim was to research tourist activities along recreational infrastructure such as roads and hiking trails and their influence on vegetation, mammals, birds and reptiles; further, to develop sustainable visitor experiences that maximise visitor satisfaction and minimise impacts.

**Achievements**

- Was admitted to the degree of Doctor of Philosophy. Thesis was marked as 1, 1, 2 and research was commended by all three examiners for being "*overwhelmingly successful*", "*an outstanding work of international significance*".
- Was especially commended for
  - "*Such a comprehensive set of investigations that clearly required an enormous effort including a very large amount of time in the field*",
  - "*Carefully designed and executed field studies, subjected to rigorous analyses*",
  - "*Thoughtfully explained outcomes*" and the "*potential for genuinely practical utilization by tourism managers and tour operators*", and "*brilliantly interrogated findings*",
  - "*Standards of English expression, spelling and the attention to details such as citations and referencing of an exceptional standard*".
- Made a major contribution to knowledge about managing visitor experiences and recreational infrastructure in protected areas. Substantively advanced standard methods for monitoring visitor behaviour. Pioneered GPS tracking as one of the first researchers in Australia to monitor visitor movements.
- Was awarded the 'Highly Commended' certificate for excellence in a PhD thesis by the Sustainable Tourism Cooperative Research Centre.
- Generated large-scale environmental and visitor data critical for conserving the Flinders Ranges, as acknowledged through a Research Award by the Ecological Society of Australia.
- Produced a range of tangible outputs including five fully-refereed papers in high-quality international academic journals, six research and industry-focussed conference presentations, and two radio interviews.
- Attracted highly competitive funding amounting to \$A158,800.

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## MSC AND BSC IN BIOLOGY BY COURSE WORK AND RESEARCH

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**MSC RESEARCHER, AND BSC BY COURSE WORK****1997–2003**

***Ludwig-Maximilians-University Munich, Germany***

**Achievements**

- Was awarded a MSc *magna cum laude* and a BSc *magna cum laude* in Biology.
- Achieved highest grades in my MSc thesis in Aquatic Ecology (Prof Dr Diehl, Dr Herwig Stibor, in collaboration with the Max-Planck Institute for Limnology) on "*The effects of Daphnia diel vertical migration on phytoplankton dynamics and their implication for Daphnia life history parameters in the pelagial of lakes.*"
- Published two peer-refereed papers in high-quality international academic journals.
- Attracted highly competitive funding amounting to \$A38,000.

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## PROFESSIONAL RESEARCH EXPERIENCE

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### RESEARCH AND ANALYSIS OFFICER

2010–PRESENT

#### *Office of Environment and Heritage (OEH), Strategy, Research & Liaison Unit, Australia*

Leads and undertakes research, analysis and benchmarking of contemporary best-practice visitor management and experience development programs and strategies for enhancing OEH's state-wide visitor and related customer services, management and monitoring.

#### **Achievements**

- **Research project development:** Independently lead the development, planning, implementation, and project management of eight innovative research projects about enhancing visitor experiences through interactive interpretive media, conveying benefits of park visitation to the community such as improved health and well-being, transformative park visitor experiences, repositioning of the market position park agencies occupy as recreational service providers through marketing interventions, persuasive communication to achieve visitor compliance, implementation of GPS tracking and GIS technology into visitor monitoring. Findings were applied in outcome-orientated management recommendations to enhance visitor services and experiences, and informed policy and strategy development.
- **KPI monitoring:** Managed and quality-improved state-wide park visitor monitoring to generate reliable visitation estimates and other corporate performance indicators for benchmarking purposes.
- **Stakeholder engagement and PPGIS:** Introduced a progressive approach to stakeholder engagement through Public Participation Geographic Information Systems via GPS tracking and Google Map surveying to manage mountain biking and horse riding. This work generated in-depth knowledge on location-specific rider distributions, motivations and actions to improve track infrastructure and to manage visitor relationships in parks, integrating GIS and survey data.
- **Adjunct appointment:** In 2014, my "*research achievements, expertise, leadership and excellence in my field*" were acknowledged through the conferral of the title of Adjunct Associate Lecturer at the University of New South Wales, Centre for Ecosystem Science.
- **Consulting:** Prepared technical reports and developed a plan for visitor monitoring in Kakadu National Park commissioned by Parks Australia responsible for six Commonwealth Parks.
- **Networking:** Developed an effective network of both internal and external collaborators including six universities, two other park agencies and several tourism industry partners such as Destination NSW to achieve a cost-effective implementation of collaborative research.
- **Expert advice and peer-review:** Provided consistent and prompt support, training and expert advice on OEH visitor and related customer research and the use of a range of social science methods to staff members across OEH, and was consulted as an expert in tenders and grant applications (e.g., to peer-review Environmental Trust Grant applications).
- **Supervision and training:** Supervised and jointly published with eight research interns and managed more than 20 volunteers. Trained staff in a range of research techniques such as survey design, interviewing, data analysis.
- **Data analysis and management:** Utilised my proficient statistical data analysis and reporting tool expertise to leverage the best analysis from large-scale datasets including a combination of statistical and geospatial analyses for field data collection.
- **Publishing:** Published seven fully-refereed papers in high-quality international academic journals and one fully-refereed conference paper, another manuscript has been submitted, three more manuscripts are in progress. Prepared a range of other research-related documents including four extensive technical reports, briefings, fact sheets, ministerial notes,

media releases. Disseminated research to an Australia and New Zealand-wide audience via the PLA, ANZALS & NZRA Research Connections Newsletters, and inclusion in the Healthy Parks Healthy People Guidelines for the IUCN Nature's Best Practice Series.

- **Presenting:** Presented research at sixteen national and international conferences, seminars and workshops including two successful submissions at the IUCN World Parks Congress 2014, and a workshop jointly organised with Wildlife Tourism Australia. Was invited to give a key note speech about the '*Transformative power of park visitor experiences*' in the WPC session on '*Visitor experiences and enjoyment*', and at the 2016 International Conference on Management and Monitoring of Visitors in Protected Areas (MMV). Organised and chaired a special session entitled '*Recent Advances in Visitor Monitoring: GPS tracking and GIS technology*' at the 2012 MMV, which the conference organiser commended for being the "*best organised session of the conference*". Presented complex technical research clearly to OEH Directors', Senior Managers, and staff.
- **Funding, budgeting and procurement:** Attracted repeated annual research funding of \$A200,000 from OEH in spite of budget cuts across the agency. Established an affiliation with a three-year Australian Research Council funded project valued at \$A462,000 . Carefully managed OEH budgets, contracts, contractors and procurement processes including large-scale tenders >\$A500,000.

#### **RESEARCH ASSISTANT IN RISK MANAGEMENT 2009–2010**

***University of New South Wales, Dept. of Injury Risk Management Research Centre, Prof Williamson lab, Australia***

Employed survey design skills and conducted hundreds of personal interviews with long-distance truck drivers, sponsored by the NSW Road and Traffic Authority, to research fatigue management.

#### **RESEARCH ASSISTANT IN CONSERVATION STUDIES 2004**

***Piedras Biological Station, Peru***

Assessed vegetation, mammal and bird communities for long-term monitoring of park visitation.

#### **RESEARCH ASSISTANT IN CONSERVATION STUDIES 2000**

***Iguana Research & Breeding Station Utila, Honduras***

Interviewed industry and tourism community stakeholders and organised group facilitation workshops to support the conservation of an endemic iguana species. Implemented results in a communication program to encourage the community to protect the species as a tourism attraction.

#### **RESEARCH ASSISTANT IN RESTORATION ECOLOGY 1997**

***Archbold Biological Station, USA***

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### **CONSULTING EXPERIENCE**

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#### **ENVIRONMENTAL CONSULTANT 2004–2005**

***FRIEDRICH-ALEXANDER UNIVERSITY, PD DR. GANSLOßER, GERMANY***

Conceptualised and created experimental workshops on sustainable development and management of ecosystems for schools, wildlife parks and museums.

#### **BIO-SOFTWARE CONSULTANT 2003**

***DEFINIENS, GERMANY***

Marketed and provided technical support for the software Proteomweaver to clients from the pharmaceutical industry and universities.

#### **VISITOR INTERPRETATION AND MANAGEMENT 1996–1997**

***UNITED STATES NATIONAL PARK SERVICE, USA***

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## TEACHING EXPERIENCE

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- 2011–present OEH: Supervised Honours research student in collaboration with Southern Cross University (2016), research assistants, student interns and trained staff in a range of research techniques such as survey design, interviewing, data analysis.
- 2010 UNSW: Tutored in Conservation Biology and Biodiversity (BIOS 3071, 3671).
- 2006–2008 PhD by research: supervised/trained student interns in experimental design, data entry, GPS use, field camp maintenance, OHS procedures and supervised student assignments. Held guest lectures on sustainable tourism management for tour operators in the Flinders Ranges.
- 2004–2005 Friedrich-Alexander-University: Environmental Educator
- 2001–2002 LMU: Assisted in teaching through invited lectures, tutoring/demonstrating and marking in Systematic Botany, Ecology and Experimental Design.
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## SPECIALISED SKILLS

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### Analytical Skills

- Proficiency in a wide range of advanced multivariate and univariate statistical analyses/model building and selection: GLM, GENLIN, MIXED Models, Chi-square, Kruskal-Wallis, Correlation, PCA, CLUSTER, SIMPROF, MDS, PERMANOVA+, ANOSIM, Indicator Species Analysis.
- Skilled in qualitative data analysis (e.g., interview data).
- Skilled in creating conceptual models of complex socio-ecological systems.
- Adept at performing in-depth literature reviews.

### Computing Skills (from 1 to 5 with 5 = most advanced)

- Quantitative (univariate and multivariate) Analysis: SPSS (4), PRIMER (3.5–4), PC-Ord (2), R (1)
- Qualitative Analysis: Nvivo (3)
- GIS: ArcGIS 9.3 (3.5); Graphing: Sigma Plot (2.5), Prism (1.5)
- Office: Word (4.5), Excel (4), Power Point (4), Access (2); Endnote (4)
- Adobe: Acrobat Pro (4), Photoshop (2.5), Dreamweaver (1.5)

### Social Science Research Skills

- Proficiency in measuring socio-demographics, customer attitudes, satisfaction, motivations, etc.; human behaviour and spatial landscape usage.
- Experienced in the design of questionnaire-based surveys, interviews (incl. qualitative analysis), consumer market segmentation; Public Participatory Geographic Information Systems and GPS tracking for stakeholder engagement in spatial planning processes; behavioural observations; focus groups.

### Flora and Fauna Sampling

- Extensive field sampling skills (pitfalls, point/transect counts, etc.); large-scale community assessments (vegetation, avifauna).

### Career Advancement

- Statistics: R (5 d Mixed Models; UNSW), (2 d G(enlin)LMs; UNSW), (2 d General Intro; SIMS), (2 d Intro; SIMS); Model Selection and Multimodel Inference (2d; MQU; Prof. David Anderson); Geostatistics using R (2 d; Flinders Uni); PRIMER/PERMANOVA (1 d; ESA conference – Prof. Marti Anderson); PCOrd (5 d; LMU); Experimental Design and Analysis using SPSS (3 d; LMU).
- Survey Design (2 d; UTS); Policy Writing (2 d; OEH); Procurement (1 d; OEH); Project Management (1 d; OEH); Teamsite Website Management (1 d; OEH); Eucalypt Identification Class (2 d; OEH); Grant Writing (1 d; OEH); EDRMS and TRIM Data Record Management (1 d; OEH)
- Public Speaking: Advanced (1 d; NIDA); Elementary (1 d; NIDA).

- Scientific Writing: Persuasive Writing (1d, Plain English Foundation); Writing Class (1 d; ESA conference); Principles of Writing (3 d; UNSW); Publishing Class (14 x 1.5 h; UNSW); Publishing Process (1/2 d; STCRC).
- Procurement (3 d; OEH); online eTendering (1 d OEH); Occupational Health and Safety (1 d; OEH); Workplace Code of Conduct (1 d, OEH).
- Environmental Impact Assessments and Legislation (14 x 1 h; UNSW).

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## AWARDS, RESEARCH AND TRAVEL GRANTS

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2016–2017	<b>\$A330 000:</b> NSW Office of Environment and Heritage, Principal Research Manager, " <i>Park Visitation Telephone Survey 2016</i> "
2016	<b>\$A10 000:</b> Parks Australia, Co-investigator, " <i>A review and evaluation of visitor monitoring and surveying techniques.</i> "
2014–2015	<b>\$A320 000:</b> NSW Office of Environment and Heritage, Principal Research Manager, " <i>Park Visitation Telephone Survey 2014.</i> "
2013–2016	<b>\$A12 000:</b> NSW Office of Environment and Heritage, Chief Investigator, " <i>Transformative travel as a new market niche for protected areas.</i> "
2013–2016	<b>\$A22 000:</b> NSW Office of Environment and Heritage, Chief Investigator, " <i>The use of public participation GIS (PPGIS) for park visitor management.</i> "
2012–2014	<b>\$A25 000:</b> NSW Office of Environment and Heritage, Chief Investigator, " <i>Implementation of GPS tracking and GIS technology for park visitor facility management.</i> "
2012–2013	<b>\$A18 000:</b> NSW Office of Environment and Heritage, Chief Investigator, " <i>Walking, hiking and running in parks: a multidisciplinary assessment of health and well-being benefits.</i> "
2012–2013	<b>\$A310 000:</b> NSW Office of Environment and Heritage, Principal Research Manager, " <i>Park Visitation Telephone Survey 2012.</i> "
2012	<b>\$A8 000:</b> NSW Office of Environment and Heritage, Chief Investigator, " <i>Outcome-focussed national park experience management.</i> "
2011–2014	<b>\$A462 000:</b> ARC Linkage Grant affiliation between NSW Department of Environment and Conservation in partnership with Monash University, Taronga Conservation Society, Zoos Victoria, Zoos S.A., and Perth Zoo. Co-investigator, " <i>Promoting and Managing National Parks into the 21st Century.</i> "
2011–2012	<b>\$A16 000:</b> NSW Department of Environment and Conservation, Chief Investigator, " <i>Interpretive media that attract park visitors and enhance their experiences: a comparison of traditional and digital tools using GPS tracking and GIS technology.</i> "
2011	<b>\$A2 500:</b> NSW Department of Environment and Conservation, Chief Investigator, " <i>Visitor experiences in Royal National Park.</i> "
2011	<b>\$A15 000:</b> NSW Department of Environment and Conservation, Chief Investigator, " <i>How to use persuasive communication to encourage visitors to pay park user fees.</i> "
2010–2011	<b>\$A300 000:</b> NSW Department of Environment and Conservation, Principal Research Manager, " <i>Park Visitation Telephone Survey 2010.</i> "
2010	<b>\$A2 500:</b> NSW Department of Environment and Conservation, Co-investigator, " <i>Sydney Harbour Island Hopping.</i> "
2010	<b>\$A2 500:</b> NSW Department of Environment and Conservation, Chief Investigator, " <i>Visitor experiences on Montague Island.</i> "



- 2010–present **\$A14 400**: NSW Office of Environment and Heritage (prior NSW Department of Environment and Conservation), numerous conference attendance and training scholarships by the which involve a competitive and complex application procedure (incl. Ministerial approval), especially if international or inter-state travel is required.
- 2010 **'Highly Commended' certificate of the Sir Frank Moore Award for excellence in a PhD** by the Sustainable Tourism Cooperative Research Centre.
- 2006–2009 **\$A128 000**: Endeavour International Postgraduate Research Scholarship by UNSW and the Australian government. Highly competitive, partially government-funded scholarship to attract top quality international postgraduate students to Australia.
- 2006–2009 **\$A10 500**: Sustainable Tourism Cooperative Research Centre Scholarship.
- 2006–2009 **\$A6 000**: UNSW Arid Zone Research Station Research Scholarship.
- 2006–2009 **\$A7 500**: In-house support by Flinders and Gammons Ranges National Park.
- 2006–2009 **\$A2 500**: UNSW Postgraduate Research Award.
- 2008 **\$A1 800**: Conference attendance scholarship by UNSW.
- 2007 **\$A500**: PhD Research Award by the Ecological Society of Australia.
- 2006 **\$A2 000**: Irma Wencke PhD research seed grant.
- 2000–2002 **\$A36 000: Scholarship for Outstanding Researchers by the German National Academic Foundation**. Highly competitive and subject to a multi-stage selection process; awarded to <0.5% of students at German universities.
- 1999 **\$A2 000**: Research travel grant by the German Academic Exchange Service.

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## PEER-REVIEWED PUBLICATIONS AND MANUSCRIPTS

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### Working papers

- (19) **Wolf, I.D.** & Wohlfart, T. (in prep.). Active in parks: Effectively communicating health and wellbeing benefits to park visitors.
- (18) **Wolf, I.D.**, Hagenloh, G. & Stricker, H.K. (in prep). Implementation of GPS tracking and GIS technology for park visitor facility management.
- (17) **Wolf, I.D.**, Wohlfart, T., & Brown, G. (in prep). Balancing needs of different park visitor groups: a case study of mountain biking and horse riding.

### In review/revision/submitted

- (16) **Wolf, I.D.**, Ainsworth, G., & Crowley J. (in review). Transformative travel as a new market niche for protected areas.

## Published/accepted

- (15) Weiler, B., Moyle, B.D., **Wolf, I.D.**, De Bie, K. & Torland M. (2016). Assessing the efficacy of communication interventions for shifting public perceptions of park benefits. **Journal of Travel Research** (5-year IF: 3.1; ABDC: **A\***).
- (14) **Wolf, I.D.**, Wohlfart, T., Brown, G., & Bartolomé Lasa, A. (2015). The use of public participation GIS (PPGIS) for park visitor management: a case study of mountain biking. **Tourism Management**, 51, 112–130 (5-year IF: 3.8; ABDC: **A\***).
- (13) Torland M., Weiler, B., Moyle, B.D., & **Wolf, I.D.** (2015). Are your ducks in a row? External and internal stakeholder perceptions of the benefits of parks in New South Wales, Australia. **Managing Sport and Leisure**, 20, 211-237 (ABDC: **B**).
- (12) **Wolf, I.D.** & Stricker, H.K. & Hagenloh, G. (2015). Outcome-focussed national park experience management: transforming participants, promoting social well-being, and fostering place attachment. **Journal of Sustainable Tourism**, 23, 358-381 (5-year IF: 3.2; ABDC: **A\***).
- (11) **Wolf, I.D.** & Wohlfart, T. (2014). Walking, hiking and running in parks: a multidisciplinary assessment of health and well-being benefits. **Landscape and Urban Planning**, 130, 89–103 (5-year IF: 3.7; ERA: **A**).
- (10) **Wolf, I.D.** & Croft, D.B. (2014). Impacts of tourism hotspots on vegetation communities show a higher potential for self-propagation along roads than hiking trails. **Journal of Environmental Management**, 143, 173–185 (5-year IF: 3.9; ABDC: **A**).
- (9) Weiler, B., Moyle, B.D., Torland M., **Wolf, I.D.** & Witsel M. (2014). Lessons learned from pilot testing an experimental communication intervention: generation Y and park benefits. **CAUTHE 2014: Tourism and Hospitality Research, Training and Practice**.
- (8) **Wolf, I.D.**, Hagenloh G. & Croft, D.B. (2013). Vegetation moderates impacts of tourism usage on bird communities along roads and hiking trails. **Journal of Environmental Management** 129, 224–234 (5-year IF: 3.9; ABDC: **A**).
- (7) **Wolf, I.D.**, Stricker, H.K. & Hagenloh, G. (2013). Interpretive media that attract park visitors and enhance their experiences: a comparison of traditional and digital tools using GPS tracking and GIS technology. **Tourism Management Perspectives** 7, 59–72 (2-year IF: 1.5).
- (6) Steckenreuter, A. & **Wolf, I.D.** (2013). How to use persuasive communication to encourage visitors to pay park user fees. **Tourism Management** 37, 58–70 (5-year IF: 3.8; ABDC: **A\***).
- (5) **Wolf, I.D.** & Croft, D.B. (2012). Observation techniques that minimize impacts on wildlife and maximize visitor satisfaction in night-time tours. **Tourism Management Perspectives** 4, 164–175 (2-year IF: 1.5).
- (4) **Wolf, I.D.**, Hagenloh G. & Croft, D.B. (2012). Visitor monitoring along roads and hiking trails: How to determine usage levels in tourist sites. **Tourism Management** 33, 16–28 (5-year IF: 3.8; ABDC: **A\***).
- (3) **Wolf, I.D.** & Croft, D.B. (2010). Minimizing disturbance to wildlife by tourists approaching on foot or in a car: A study of kangaroos in the Australian rangelands. **Applied Animal Behaviour Science** 126, 75–84 (5-year IF: 2.2; ERA: **B**).
- (2) Reichwaldt, E.S., **Wolf, I.D.** & Stibor, H., (2005). Effects of a fluctuating temperature regime experienced by *Daphnia* during diel vertical migration on *Daphnia* life history parameters. **Hydrobiologia** 543, 199–205 (5-year IF: 2.3, ERA: **B**).



- (1) Reichwaldt, E.S., **Wolf, I.D.** & Stibor, H., (2004). The effect of different zooplankton grazing patterns resulting from diel vertical migration on phytoplankton growth and composition: a laboratory experiment. **Oecologia** 141, 411–419 (5-year IF: 4.0; ERA: **A**).

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## **TECHNICAL REPORTS, EXTENDED ABSTRACTS AND NEWS ITEMS**

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- (24) **Wolf, I.D.** & De Bie, K.(2016). Parks Australia Visitor Surveys – a methodological Review. Centre of Environmental and Economic Research, the University of Melbourne on behalf of **Parks Australia**, Canberra.
- (23) De Bie, K. & **Wolf, I.D.**, (2016). Visitor Monitoring in Kakadu National Park: a methodological Review. Centre of Environmental and Economic Research, the University of Melbourne on behalf of **Parks Australia**, Canberra.
- (22) **Wolf, I.D.**, Ainsworth, G., & Crowley J. (2016). Transformative Travel: Concepts and Market Opportunities for Protected Areas – Product Review. **Office of Environment and Heritage**, Sydney.
- (21) **Wolf, I.D.**, Ainsworth, G., Alimane, C. & Bainbridge T. (2015). Transformative Travel: Concepts and Market Opportunities for Protected Areas – Annotated Bibliography. **Office of Environment and Heritage**, Sydney.
- (20) **Wolf, I.D.** & Wohlfart, T. (2015). Mountain Biking in Northern Sydney – Part 1: Rider Distributions. **Office of Environment and Heritage**, Sydney.
- (19) **Wolf, I.D.** & Wohlfart, T. (2015). Mountain Biking in Northern Sydney – Part 2: Rider Motivations. **Office of Environment and Heritage**, Sydney.
- (18) **Wolf, I.D.** & Wohlfart, T. (2015). Mountain Biking in Northern Sydney – Part 3: Rider Needs. **Office of Environment and Heritage**, Sydney.
- (17) **Wolf, I.D.** & Wohlfart, T. (2015). Mountain Biking in Northern Sydney – Part 4: Rider Preferences. **Office of Environment and Heritage**, Sydney.
- (16) **Wolf, I.D.** & Wohlfart, T. (2015). Horse Riding in Northern Sydney – Part 1: Rider Distributions. **Office of Environment and Heritage**, Sydney.
- (15) **Wolf, I.D.** & Wohlfart, T. (2015). Horse Riding in Northern Sydney – Part 2: Rider Motivations. **Office of Environment and Heritage**, Sydney.
- (14) **Wolf, I.D.** & Wohlfart, T. (2015). Horse Riding in Northern Sydney – Part 3: Rider Needs. **Office of Environment and Heritage**, Sydney.
- (13) **Wolf, I.D.** & Wohlfart, T. (2015). Horse Riding in Northern Sydney – Part 4: Rider Preferences. **Office of Environment and Heritage**, Sydney.
- (12) **Wolf, I.D.**, Wohlfart, T. & Brown, G., Bartolomé Lasa A. & Torland M. (2014). Managing and monitoring of mountain biking through public participation GIS. 7<sup>th</sup> International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas (**MMV**) 2014.
- (11) **Wolf, I.D.**, Wohlfart, T. & Brown, G. (2014). The role of public participation GIS in protected areas management: a case study of mountain biking and horse riding. 20<sup>th</sup> International Symposium on Society and Resource Management (**ISSRM**) 2014.
- (10) **Wolf, I.D.**, Wohlfart, T., Hagenloh, G. & Stricker, H.K. (2014). Health and well-being benefits of visitor activities in parks. **PLA, ANZALS & NZRA Research Connections Newsletter**: Research in NSW and ACT.
- (9) Weiler, B., Moyle, B.D., Torland M., & **Wolf, I.D.** (2014). Public Perceptions of the Benefits Parks Provide for Visitors and to Society. **PLA, ANZALS & NZRA Research Connections Newsletter**: Research in NSW and ACT.

- (8) **Wolf, I.D.**, Stricker, H.K. & Hagenloh, G. (2012). The implementation of GPS tracking and GIS technology for park visitor management. International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas (**MMV**) 2012.
- (7) **Wolf, I.D.** (2010). Thesis Summary: Towards Sustainable Tourism in Outback Australia: The Behaviour and Impact of Nature-based Tourists on Vegetation and Selected Wildlife Species. **Bulletin of the Ecological Society of Australia 40**.
- (6) **Wolf, I.D.** & Croft, D.B., (2008). Wildlife by candlelight: A comparison of night-time observation techniques for their impact on wildlife and visitor satisfaction. **CAUTHE 2008: Tourism and Hospitality Research, Training and Practice**.
- (5) **Wolf, I.D.** (2007). From the Field – Outback News. **Education News of the Sustainable Tourism Cooperative Research Centre 5**.
- (4) **Wolf, I.D.** (2005). South American Ecosystems. Museum slide-show on behalf of **PD Dr Gransloßer lab, Friedrich-Alexander University, Nuernberg**.
- (3) **Wolf, I.D.** (2004). Educational Water Play for School Children. Technical report (in German) on behalf of **PD Dr Gransloßer lab, Friedrich-Alexander University, Nuernberg**.
- (2) **Wolf, I.D.** (2003). Proteomweaver. A Quickstart Manual. Technical manual (in German) on behalf of **DEFINIENS, Munich**.
- (1) **Wolf, I.D.** (2000). Stakeholder Situation surrounding the Conservation of the Endemic Utila Iguana in a complex Tourism Environment. Technical report (in German) on behalf of **Technical University Munich**.

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## PEER-REVIEW

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**Elsevier:** Tourism Management, Landscape and Urban Planning, Computers, Environment and Urban Systems, Applied Geography, Tourism Management Perspectives, Biological Conservation, Journal of Outdoor Recreation, Journal of Environmental Management, Journal for Nature Conservation.

**Taylor & Francis Group:** Journal of Sustainable Tourism, Leisure Sciences, Tourism Geographies, Journal of Travel & Tourism Marketing.

**Springer:** Environmental Management, Journal of Mountain Science.

**Other:** Journal of Interpretation Research, Community Ecology.

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## CONFERENCE PRESENTATIONS, INVITED SEMINARS, WORKSHOPS

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- (20) **Wolf, I.D. (2017)**. Application of GIS in park visitor monitoring. 2<sup>nd</sup> World Congress on GIS and Remote Sensing, Munich, Germany, July 17.
- (19) **Wolf, I.D.** (2016). Human dimensions of park visitor monitoring. **Invited seminar at Human Dimensions Working Group** meeting, Sydney, Australia, March 08.
- (18) **Wolf, I.D.**, & Hagenloh G. (2015). GPS tracking applications. **Invited seminar at Lambert Designs**, Wollongong, Australia, September 18.
- (17) **Collaboratively organised a workshop with Wildlife Tourism Australia:** Green, R. & **Wolf, I.D.** (2014). Wildlife tourism and conservation of biodiversity in parks. Parallel Event to the **World Parks Congress 2014**, Sydney, Australia, November 11.

- (16) **Invited to present a key note speech: Wolf, I.D.,** Wohlfart, T., Stricker, H. & Hagenloh G. (2014). The transformative power of park visitor experiences: concepts and market opportunities for protected areas. **World Parks Congress 2014**, Sydney, Australia, November 12–19.
- (15) Weiler, B., Moyle, B.D., Zanon, D., Smith, A. & **Wolf, I.D.** (2014). Building support and maintaining relevance: Influencing perceptions of the benefits of parks using experimental communication interventions. **World Parks Congress 2014**, Sydney, Australia, November 12–19.
- (14) **Wolf, I.D.,** Wohlfart, T., Stricker, H. & Hagenloh G. (2014). Benefits of walking, hiking and running in parks: potential to transform communities. **Walk21**, Sydney, Australia, October 21–23.
- (13) **Wolf, I.D.,** Wohlfart, T. & Brown, G., Lasa A.B. & Torland M. (2014). Managing and monitoring of mountain biking through public participation GIS. 7<sup>th</sup> International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas (**MMV**), Tallinn, Estonia, August 20–23.
- (12) **Wolf, I.D.,** Wohlfart, T. & Brown, G. (2014). The role of public participation GIS in protected areas management: a case study of mountain biking and horse riding. 20<sup>th</sup> International Symposium on Society and Resource Management (**ISSRM**), Hannover, Germany, June 8–13.
- (11) Weiler, B., Moyle, B.D., Torland M., **Wolf, I.D.** & Witsel M. (2014). Re-positioning the market position that park agencies occupy through websites. Council for Australian University Tourism and Hospitality Education 24<sup>th</sup> Conference (**CAUTHE**), Brisbane, Australia, February 10–13.
- (10) Croft, D. B., **Wolf, I.D.,** (2013). Who’s watching whom? Research on minimising disturbance by the wildlife tourist in animal encounters. **Wildlife Tourism Australia Workshop**, Darwin, Australia, October 2–4.
- (9) Moyle, B. D. Weiler, B., Zanon, D., Smith, A., **Wolf, I.D.** & McLennan, C. (2013). Public Perceptions of the Benefits Parks Provide for Visitors and to Society, 19<sup>th</sup> **International Symposium on Society and Resource Management**, Colorado, USA, June 4–8.
- (8) **Organised and chaired a special session entitled 'Recent Advances in Visitor Monitoring: GPS tracking and GIS technology'**, and presentation of **Wolf, I.D.,** Stricker, H.K. & Hagenloh, G. (2012). The implementation of GPS tracking and GIS technology for park visitor monitoring: a key to managing visitor assets and experiences. International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas (**MMV**), Stockholm, August 21–24.
- (7) **Wolf, I.D.,** Croft, D.B. & Hagenloh, G. (2011). Best-practice visitor monitoring: a key to understanding ecological impacts of recreation. Recreation Ecology Symposium at the **Ecological Society of Australia 36<sup>th</sup>** Conference, Hobart, Australia, November 21–25.
- (6) **Wolf, I.D.** (2010). Sustaining diversity of vegetation and bird communities in a tourism context. **Ecological Society of Australia 35<sup>th</sup>** Conference, Canberra, Australia, December 6–10.
- (5) **Wolf, I.D.** (2010). A call for tourism studies: wildlife experiences that maximize visitor satisfaction and minimize impact on wildlife. In: **Symposium** on people-wildlife interactions. Presented at the **Australasian Wildlife Management** Conference, Torquay, Australia, December 1–3.
- (4) **Wolf, I.D.** & Croft, D.B., (2010). Night-time observation techniques that minimize impact on wildlife and maximize visitor satisfaction. **RSPCA Scientific Seminar**, Canberra, Australia, February 23.

- (3) **Wolf, I.D.** & Croft, D.B., (2008). Tourism-induced changes in vegetation communities may diminish visitor satisfaction along roads and walking trails in South Australian gorges. **Ecological Society of Australia** 33<sup>rd</sup> Conference, Sydney, Australia, December 1–5.
- (2) **Wolf, I.D.** & Croft, D.B., (2008). Guidelines for the kangaroo whisperer: Ways to minimize disturbance during kangaroo observations by foot and car. **Australian Mammal Society** 54<sup>th</sup> Conference, Darwin, Australia, September 31–October 2.
- (1) **Wolf, I.D.** & Croft, D.B., (2008). Wildlife by candlelight: A comparison of night-time observation techniques for their impact on wildlife and visitor satisfaction. Council for Australian University Tourism and Hospitality Education 18<sup>th</sup> Conference (**CAUTHE**), Gold Coast, Australia, February 11–14.

#### Selected internal presentations

- (19) Moyle B.D., & Weiler B., facilitated by **Wolf I.D.** (2013). Benefits that Parks in New South Wales Offer: A Gap Analysis. OEH Senior Managers' meeting, Sydney, November.
- (18) Ericksson, D. & **Wolf, I.D.**, (2013). NSW National Park Visitation in 2012, OEH Directors' meeting, Sydney, July.
- (17) **Wolf, I.D.**, (2012). How to use persuasive communication to encourage visitors to pay park user fees, OEH Directors' meeting, Sydney, March.
- (16) **Wolf, I.D.**, (2012). Tourism & Partnerships Branch Research Agenda. OEH Senior Managers' meeting, Sydney, February.
- (15) Moyle B.D., & Weiler B., facilitated by **Wolf I.D.** (2012). Market Position Occupied by Parks Agencies.
- (14) Ericksson, D., & **Wolf, I.D.**, (2011). NSW National Park Visitation in 2010, OEH Directors' meeting, Sydney, June.
- (13) **Wolf, I.D.**, (2008). PhD Research Update seminar. Research Forum, UNSW, Sydney, June.
- (12) **Wolf, I.D.**, (2007). PhD Research Mid-term seminar. Research Forum, UNSW, Sydney, June.
- (2-11) **Wolf, I.D.**, (2006–2007). **Ten invited presentations** for stakeholders in the Flinders Ranges.
- (1) **Wolf, I.D.**, (2006). PhD Research Introductory seminar. Research Forum at UNSW, Sydney, June.

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#### RADIO INTERVIEWS

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- (2) **Wolf, I.D.**, (2007). Bats liven up night-time tourism. Interview with **ABC Radio** about bat observation in the Australian arid lands, regional broadcast, Australia, May.
- (1) **Wolf, I.D.**, (2007). Tourism spotlight shines on native animals. Interview with **ABC Radio** about nocturnal wildlife observation in the Australian arid lands, regional, state-wide and national broadcasts, Australia, February.